

|                 |               |       |       |       |
|-----------------|---------------|-------|-------|-------|
| Catalog Number: | Project Name: | Note: | Date: | Type: |
|-----------------|---------------|-------|-------|-------|

Portor's second generation AL2 Area Light White Series is highly energy efficient and provides advanced optical control. The ultra slim profile delivers enhanced performance for general area lighting applications. The robust die-cast housing provides excellent thermal management for longer life and can withstand everyday harsh outdoor environments.

Ideal use for parking lots, car dealerships, roadways, walkways, school campuses, shopping centers and industrial areas



**NOT FOR USE AS AN UP LIGHT**

**CONSTRUCTION**

Die-cast aluminum body combined with state of the art heat dissipation. Waterproof, built rugged for outdoor harsh conditions.

**ELECTRICAL**

Built with the highest quality, long lasting Universal Voltage driver 100V-27V (347V-480V optional), and water resistant LED chips.

**OPTICAL SYSTEM**

Comes standard with Type III optics designed to reduce glare and improve light distribution through precision formed lens optics. Type V is available.

**MOUNTING**

Multiple mounting options available: Slipfitter, square-pole mount, round-pole mount, u-bracket and trunnion mount.

**SENSOR READY**

Photocell and motion sensor available.

**DIMMING**

1-10V dimmable

**ENERGY SAVINGS**

Over 70% energy savings than traditional fixtures, low heat productions requires less maintenance and operation cost.

**LISTING**

UL Listed, DLC Premium Listed, RoHS, IP65 rated

**WARRANTY**

5 year Limited Warranty, Rated for 50,000 hours.

| WATTAGE | DELIVERED LUMENS | EFFICACY |
|---------|------------------|----------|
| 240W    | 33,832 @ 3000K   | 142 lm/W |
|         | 33,339 @ 3000K   | 144 lm/W |
|         | 34,847 @ 3000K   | 146 lm/W |

**TECHNICAL SPECIFICATION**

|                     |   |
|---------------------|---|
| CCT                 | 3000K, 4000K, 5000K                         |
| CRI                 | 70+   |
| DIMMABLE            | 1-10V dimming                               |
| DISTRIBUTION        | Type III (Standard), Type IV & V (Optional) |
| VOLTAGE             | 100V-277V (347V-480V optional)              |
| SENSOR              | Photocell and motion sensor capable         |
| POWER FREQUENCY     | 50/60 Hz                                    |
| POWER FACTOR        | >0.9  |
| THD                 | ≤15%  |
| WORKING TEMPERATURE | -40°F ~ 122°F                               |
| IP RATING           | IP65 Wet Location                           |
| WARRANTY            | 5 year limited                              |



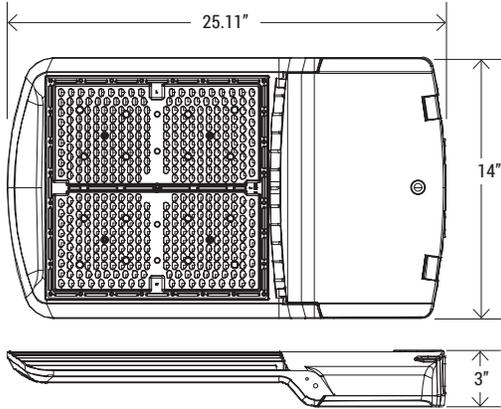
**ORDERING SAMPLE: PT-AL2N-240W-50K**

| Series  | Wattage     | CCT  | Finish                                    | Distribution   | *Mounting (Not included)                              |   | *Accessories/Options |                                   |                                |
|---|-------------|--|---|--|---|---|----------------------|-----------------------------------|--------------------------------|
|   |             |  |   |  | Bronze  | White   | Photocell            | Sensor                            | Shield                         |
| <b>PT-AL2N</b><br>Second Generation Area Light Series | <b>240W</b> | <b>30K</b> (3000K)<br><b>40K</b> (4000K)<br><b>50K</b> (5000K) | <b>Blank</b> (Bronze)<br><b>W</b> (White) | <b>Blank</b> (Type III)<br><b>T4</b> (Type IV)<br><b>T5</b> (Type V) | SF-AL2<br>SPM-AL2<br>SAM-AL2<br>TM-AL2<br>UB-AL2-2037 | SF-AL2-W<br>SPM-AL2-W<br>SAM-AL2-W<br>TM-AL2-W<br>UB-AL2-2037-W | PC<br>PC-HV          | MS-UNI-MW<br>RC-UNI-MW (Required) | SHD-AL2-2037<br>SHD-AL2-2037-W |

*\*Sold separate*

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**DIMENSION**



**PHOTOCELL OPTION**



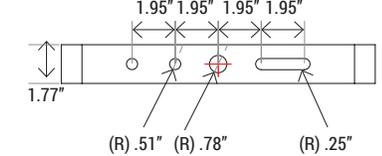
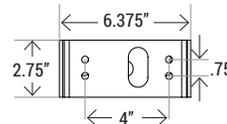
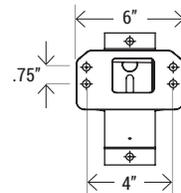
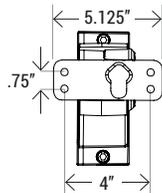
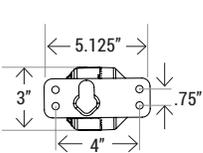
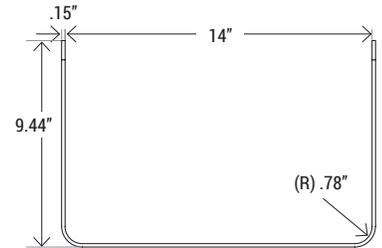
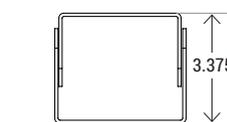
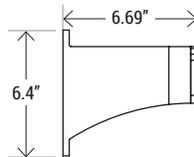
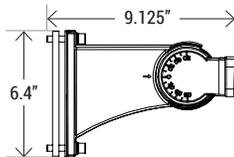
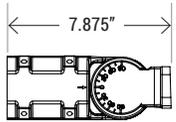
**SENSOR OPTION**



**SHIELD OPTION**

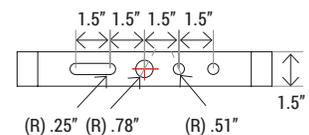
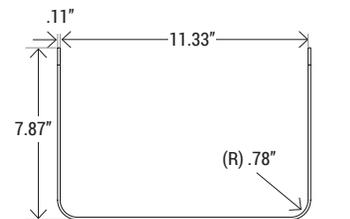


**\*MOUNTING OPTION (SOLD SEPARATELY)**

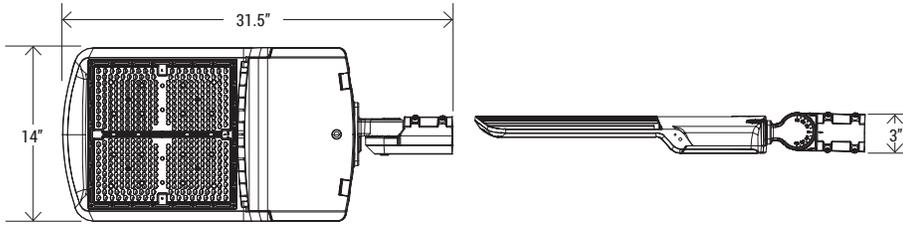


**ELECTRICAL LOAD**

| WATTAGE | 120V    | 208V     | 240V     | 277V     | 347V     | 480V     |
|---------|---------|----------|----------|----------|----------|----------|
| 240W    | 2.0 Amp | 1.15 Amp | 1.00 Amp | 0.87 Amp | 0.69 Amp | 0.50 Amp |



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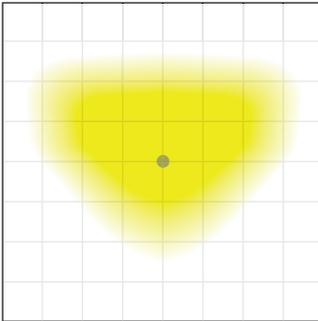
|              |                           |
|--------------|---------------------------|
| EPA          | <b>0.8 ft<sup>2</sup></b> |
| Net Weight   | 17.42 lbs                 |
| Gross Weight | 20.72 lbs                 |
| Dimension    | 14" x 31.5" x 3"          |

|          |          |          |
|----------|----------|----------|
| <b>B</b> | <b>U</b> | <b>G</b> |
| 4        | 0        | 4        |

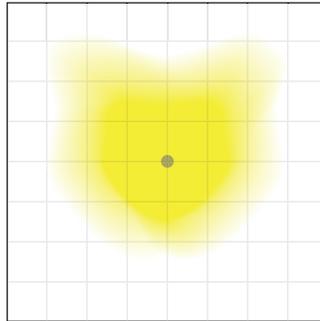
**\*WITH SLIPFITTER MOUNTING**

|               |                           |                           |                           |                           |                           |                           |
|---------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| CONFIGURATION | 1                         | 2 @ 180°                  | 2 @ 90°                   | 3 @ 90°                   | 3 @ 120°                  | 4 @ 90°                   |
| EPA           | <b>0.8 ft<sup>2</sup></b> | <b>1.6 ft<sup>2</sup></b> | <b>1.2 ft<sup>2</sup></b> | <b>2.0 ft<sup>2</sup></b> | <b>1.7 ft<sup>2</sup></b> | <b>2.3 ft<sup>2</sup></b> |
| Net Weight    | 17.42 lbs                 | 34.84 lbs                 | 34.84 lbs                 | 52.26 lbs                 | 52.26 lbs                 | 69.68 lbs                 |

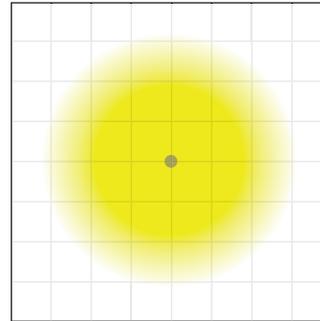
**DISTRIBUTION**



**TYPE III**  
Type III distribution provides a wide, round pattern and yields an even light disbursement since the light projects outwards.



**TYPE IV**  
Type IV has a preferred lateral width of 60° make it ideal for parking area and courtyard.



**TYPE V**  
Type V provides central circular or square design pattern, equally across all angles from a central point.

QTY/CARTON

**1**

PIECE



| CATALOG NUMBER | CCT   | DELIVERED LUMENS | EFFICACY | DLC PRODUCT ID | CLASSIFICATION |
|----------------|-------|------------------|----------|----------------|----------------|
| PT-AL2N-240W   | 3000K | 33,832           | 142 lm/W | S-10U0QV       | PREMIUM        |
|                | 4000K | 34,339           | 144 lm/W | S-YNJ0PU       |                |
|                | 5000K | 34,847           | 146 lm/W | S-5F10I8       |                |